LAPT REC'O PCTIPTO 14 JUL 2006

PTO-1390 (Rev. 07-2005) Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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0 0 20	ANSMITTAL LETTER TO	ATTORNEY'S DOCKET NUMBER P58081					
DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371			U.S. APPLICATION NO. (If known, see 37 CFR 1.5)				
		INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED				
	TIONAL APPLICATION NO. PCT/KR2004/002265	7 September 2004	KR 10-2004-0002600				
TITLE OF INVENTION Gas Control/Block Valve And Automatic Circulation Device Of Warm Water Using The Gas Valves							
	APPLICANT(S) FOR DO/EO/US YOUNG-GYU RHO						
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:							
1. This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.							
	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.						
	(5), (6), (9) and (21) indicated below.						
<u></u>	The US has been elected (Article 31).						
5.	A copy of the International Application	n as filed (35 U.S.C. 371(c)(2))					
		d only if not communicated by the Internation	nal Bureau).				
	b. has been communicated by	the International Bureau.					
<u></u>	c. is not required, as the applic	cation was filed in the United States Receivi	ing Office (RO/US).				
6.	An English language translation of the	e International Application as filed (35 U.S.C). 371(c)(2)).				
	a. is attached hereto.						
	b. has been previously submitted under 35 U.S.C. 154(d)(4).						
7.	Amendments to the claims of the Inte	ernational Application under PCT Article 19 ((35 U.S.C. 371(c)(3))				
	a. are attached hereto (require	ired only if not communicated by the Internat	tional Bureau).				
	b. have been communicated	by the International Bureau.					
	c. have not been made; how	ever, the time limit for making such amendm	nents has NOT expired.				
	d. have not been made and v	will not be made.					
8.	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).						
9.	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).						
10.	An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).						
Items 11 to 20 below concern document(s) or information included:							
11. 🔽	An Information Disclosure Statement	under 37 CFR 1.97 and 1.98. PTO-144	49				
12. 🔽	An assignment document for recording	ng. A separate cover sheet in compliance wi	ith 37 CFR 3.28 and 3.31 is included.				
13.	A preliminary amendment.						
14.	An Application Data Sheet under 37 CFR 1.76.						
15.	A substitute specification.						
16.	A power of attorney and/or change of address letter. (contained in the Declaration)						
17.	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.						
18.	A second copy of the published International Application under 35 U.S.C. 154(d)(4).						
19.	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).						

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U.S. APPLICATIO	N NO. (if known see CFR 1.	international ap		ATTORNEY'S DOCKET NUMBER			
		PCT/KR200	04/002265 	P58081			
	•	references cited in the PT	O-1449				
The follow	ing fees have been submitted	CALCULATIONS	PTO USE ONLY				
	national fee (37 CFR 1.492(a)).	\$300	\$ 300.00				
22. 🔽 Examina	ation fee (37 CFR 1.492(c))	<u> </u>					
by IPEA/US	n prepared by ISA/US or the in 3 indicates all claims satisfy pro	\$ 200.00					
If the written opinion IPEA/US in Search fee (37 CFR International Search previously of the search open international Sear	fee (37 CFR 1.492(b)) of the ISA/US or the Internation dicates all claims satisfy provise 1.445(a)(2)) has been paid or al Searching Authority n Report prepared by an ISA of communicated to the US by the	\$ 500.00					
	OTAL OF 21, 22 and 23 =						
Additional fee for sequence li electronic m	or specification and drawings f sting in compliance with 37 CF nedium) (37 CFR 1.492(j)). 250 for each additional 50 she						
Total Sheets E	· · · · ·	ch additional 50 or fraction d up to a whole number)	RATE				
- 100 =	/50 =		x \$250	\$ n/a			
	00 for fumishing any of the seanmencement of the national st	\$ n/a					
' CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$			
Total claims	10 - 20 =		x \$ 50	\$ n/a			
Independent claims	3 -3=		x \$200	\$ n/a			
MULTIPLE DEPEN	DENT CLAIM(S) (if applicable		+ \$360	\$ n/a			
		\$ 1,000.00					
Applicant claim	s small entity status. See 37 C	FR 1.27. Fees above are reduc	ced by ½.				
		\$ 500.00					
Processing fee of \$ claimed priority date	130.00 for furnishing the Englise (37 CFR 1.492(i)).	\$ N/A					
		\$ 500.00	····				
<u>-</u>	e enclosed assignment (37 CF over sheet (37 CFR 3.28, 3.31	\$ 40.00					
		\$ 540.00					
		Amount to be refunded:	\$				
				Amount to be charged	\$		

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	DA COMPETITION TEDUL COM					
a. A check in the amount of \$ 500.00 (#51	103) to cover the above fees is enclosed. \$40.00 (#51104)					
b. Please charge my Deposit Account No A duplicate copy of this sheet is enclosed.	in the amount of \$ to cover the above fees.					
The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>02-4943</u> . A duplicate copy of this sheet is enclosed.						
Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.						
SEND ALL CORRESPONDENCE TO:	SIGNATURE SIGNATURE					
	Robert E. Bushnell					
1/ 1-1 2006	NAME 27,774					
14 July 2006 Date	REGISTRATION NUMBER					

Customer No. 008439

Attorney's Docket No. P58081 PCT/KR2004/002265 filed 7 September 2004

	Complete If Known										
FEE TRANSMITTAL	application Number Filing Date				1 1 to be assigned						
Patent fees are subject to annual revision.					14 July 2006				• •		
	t Named Inventor				YOUNG-GYU RHO				_		
	I.A. F	.A. Filing Date				7 September 2004					
	I.A. 1									_	
TOTAL ANGUNIT OF BANGASIA					PCT/KR2004/002265						
TOTAL AMOUNT OF PAYMENT (\$) 540.00	ney L	Oocket I	No.				58081		الأحيي البيها المتعادة		
METHOD OF PAYMENT (check one)			<u>_</u>			FEE CALC	ULATION				_
1. ■ Payment Enclosed: (CHECK #51103 & #51104)	Fee Code	Fee (\$)	Fee Code			Fee Desc	ription		Fee Paid		
■ Check □ Credit Card □ Money Orde □ Other	r		,.			MISCELLA	NEOUS				
u Onei	1801	\$790	2801	\$395	Request for conf	tinued exa	mination (F	RCE)	\$		
Charge Any Additional Fee Required Under 37 C.F.R. §1.16	1806	\$180			Submission of a	n IDS			\$		
		1814		2814	\$65	Statutory disclain				\$	
Applicant claims small entity status. See 37 Cl	FR 1.27	8021	\$40			Recordation of a	_	t per prope	erty	\$ 40.00	
2. The Commissioner is hereby authorized to ch	arge					TRADEN		_		_	
any deficiency and credit any over payments to:		6001/	7001		\$335	Application for re	egistration	, per class		\$	
Deposit Account Number: 02-4943		6002/	7002		\$100	Amendment to A	Allege Use	, per class		\$	
FEE CALCULATION		6003/			\$100	Statement of Us			_	\$	
ee Fee Fee Code (\$)	Fee Paid	6004/			\$150	Request for six-	month exte	ension of ti	me, per class	\$	
		6205/			\$100	§8 affidavit, per				\$	
EXTENSION OF TIME FEES	•	6208/			\$200	§15 affidavit, per				\$	
251 120 2251 60 Extension for reply within first month 252 450 2252 225 Extension for reply within second month	\$ 5	6201/7201 \$400 Application for renewal, per class 6403/7403 \$100 Ex parte appeal, per class			\$						
253 1020 2253 510 Extension for reply within third month	\$	10403/	7400		\$100	00 Ex parte appeal, per class PETITION				Ψ	
254 1590 2254 795 Extension for reply within fourth month		1462			\$400				\$		
255 2160 2255 1080 Extension for reply within fifth month	\$	1463			\$200	Petitions to Dire	•	•		\$	
APPEAL		1464			\$130	0 Petitions to Director (Group III)				\$	
401 500 2401 250 Notice of Appeal	\$	1452	\$500	2452	\$250				\$		
402 500 2402 250 Filing a brief in support of an appeal	\$	1453	\$1500	2453	\$750	750 Petitions to revive unintentionally abandoned application			\$		
403 1000 2403 500 Request for oral hearing	\$				PA	PATENT MAINTENANCE					
CLAIMS		1551	\$900	2551	\$450	Due at 3.5 years	;			\$	
1614 200 2614 100 Independent claims in excess of 3	\$	1				Due at 7.5 years				\$	
1615 50 2615 25 claims in excess of 20	\$	1553	\$3800	2553	\$1900	Due at 11.5 year	rs			\$	
Other Fee (specify)	Other Fee (specify) 1631/2631 Basic National Stage Fee \$150.00)				
Other Fee (specify) \$			Fee (spe	cify) <u>16</u>	41/2641	National Stage S	earch Fee			\$250.00)
Other Fee (specify)	Other Fee (specify) 1633/2633 National Stage Examination Fee \$100.00)				
SUBTOTAL: LEFT COLUMN \$ 0	0.00				SU	JBTOTAL: RIC	ЭНТ СО	LUMN	\$540.00		
SUBMITTED BY		<u> </u>				Com	plete (if	applica	ible)		
Typed or Printed Name Robert E. Bus	sq.			Re	Reg. Number 27,774			,774			
Signature 129 4 hull	Date	14 July 2006 Deposit Account User ID									

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: YOUNG-GYU RHO

U.S. Serial No.: to be assigned Examiner: to be assigned

International Application No.: PCT/KR2004/002265 filed on 7 September 2004

U.S. Filing Date: to be determined Art Unit: to be assigned

For: GAS CONTROL/BLOCK VALVE AND AUTOMATIC CIRCULATION DEVICE OF WARM WATER USING THE GAS VALVES

TRANSMITTAL OF DECLARATION

Mail Stop: PCT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This transmittal accompanies the original Declaration for the above-referenced application.

Respectfully submitted,

Robert E. Bushnell,

Attorney for the Applicant Registration No.: 27,774

Suite 300, 1522 "K" Street, N.W. Washington, D.C. 20005 (202) 408-9040

Folio: P58081 Date: 14 July 2006 I.D.: REB/ny